

ABSTRACT OF THE DISCLOSURE:

A multi-layered, flat, flexible cable capable of transmitting both power and multiple control signals to the components of a network is disclosed. The cable provides all connections on its top surface using a via-less design that does not reduce the cross-sectional area of power and ground buses within the cable.

This effect is achieved through the use of folded conducting tabs appearing at periodic intervals along one of the power and ground conducting layers, which are folded over onto the top of the cable for electrical connection thereto.